LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015177.D
Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	38	42	48	rVB	36682	52304	1.05%	0.078%
2	3.887	117	119	126	rBV	75741	94363	1.90%	0.141%
3	3.987	132	136	141	rVB	70051	96266	1.94%	0.143%
4	4.057	146	148	150	rVV2	9091	10869	0.22%	0.016%
5	4.116	152	158	164	rVB	49667	101773	2.05%	0.152%
6	4.210	170	174	180	rVB2	14354	20869	0.42%	0.031%
7	4.387	201	204	209	rVB7	5973	8390	0.17%	0.012%
8	4.599	235	240	247	rVV3	15912	27407	0.55%	0.041%
9	4.675	247	253	260	rVB	56685	84860	1.71%	0.126%
10	4.793	267	273	280	rBV4	15936	27003	0.54%	0.040%
11	4.969	297	303	309	rBV6	6391	14701	0.30%	0.022%
12	5.163	330	336	345	rBV3	32030	70383	1.42%	0.105%
13	5.269	349	354	361	rBV3	15220	35666	0.72%	0.053%
14	5.657	415	420	425	rVB	17289	27537	0.55%	0.041%
15	5.787	435	442	448	rBV	33440	52584	1.06%	0.078%
16	6.081	487	492	497	rBV4	6712	12064	0.24%	0.018%
17	6.151	499	504	507	rBV7	5531	7233	0.15%	0.011%
18	6.687	590	595	596	rBV5	5375	6989	0.14%	0.010%
19	6.975	641	644	651	rVB9	6570	13778	0.28%	0.021%
20	7.098	660	665	670	rBV5	13805	25506	0.51%	0.038%
21	7.228	680	687	689	rBV	53050	77246	1.56%	0.115%
22	7.275	689	695	711	rVB	1083194	1858931	37.46%	2.768%
23	7.446	717	724	734	rBV	878564	1346061	27.12%	2.004%
24	7.651	751	759	768	rBV	1096621	1737641	35.01%	2.587%
25	7.734	769	773	776	rVB3	10729	13722	0.28%	0.020%
26	7.846	788	792	795	rBV3	6308	8611	0.17%	0.013%
27	7.934	803	807	814	rVB2	9271	16511	0.33%	0.025%
28	8.010	815	820	826	rVV8	6312	8404	0.17%	0.013%
29	8.128	830	840	848	rBV	1246074	1990151	40.10%	2.963%
30	8.675	928	933	940	rBV4	11931	26495	0.53%	0.039%
31	8.834	953	960	975	rBV	1320272	2236978	45.07%	3.331%
32	8.957	975	981	989	rVB	310114	509796	10.27%	0.759%
33	9.298	1032	1039	1052	rBV	1036684	1725441	34.77%	2.569%
34	9.404	1052	1057	1061	rVV6	11766	24281	0.49%	0.036%
35	9.457	1061	1066	1071	rVB8	11050	21310	0.43%	0.032%
36	9.698	1100	1107	1115	rVB	168623	271651	5.47%	0.404%

LSC Area Percent Report

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Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

37	10.028	1156	1163	1175	rBV	858716	1450566	29.23%	2.160%
38	10.104	1175	1176	1182	rVV6	8422	13961	0.28%	0.021%
39	10.175	1182	1188	1197	rVV	67380	147818	2.98%	0.220%
40	10.245	1197	1200	1211	rVB6	13687	32691	0.66%	0.049%
41	10.387	1217	1224	1230	rBV	39870	71367	1.44%	0.106%
42	10.569	1247	1255	1267	rBV	1473665	2476576	49.90%	3.688%
43	10.957	1310	1321	1327	rBV	1756791	3035191	61.16%	4.520%
44	11.004	1327	1329	1335	rVB	69453	93119	1.88%	0.139%
45	11.092	1337	1344	1364	rBV	523953	1047889	21.11%	1.560%
46	11.492	1406	1412	1419	rBV10	17085	45623	0.92%	0.068%
47	11.739	1445	1454	1463	rBV3	26803	85767	1.73%	0.128%
48	11.986	1488	1496	1501	rBV10	8410	22789	0.46%	0.034%
49	12.034	1502	1504	1511	rVB8	4565	9270	0.19%	0.014%
50	12.192	1525	1531	1539	rBV	119763	175461	3.54%	0.261%
51	12.310	1544	1551	1554	rVV	13380	23908	0.48%	0.036%
52	12.351	1554	1558	1562	rVB5	12692	18760	0.38%	0.028%
53	12.439	1567	1573	1584	rBV2	49647	129183	2.60%	0.192%
54	12.528	1584	1588	1596	rVV2	22710	39862	0.80%	0.059%
55	12.610	1596	1602	1610	rVV2	102111	182371	3.67%	0.272%
56	12.733	1617	1623	1631	rVV6	14253	35018	0.71%	0.052%
57	12.822	1633	1638	1643	rVB	17330	26494	0.53%	0.039%
58	12.981	1661	1665	1668	rVB6	6620	7557	0.15%	0.011%
59	13.033	1668	1674	1680	rBV6	7791	18671	0.38%	0.028%
60	13.575	1759	1766	1769	rBV3	24598	40135	0.81%	0.060%
61	13.604	1769	1771	1774	rVV2	8666	9914	0.20%	0.015%
62	13.645	1775	1778	1782	rVV3	15482	23372	0.47%	0.035%
63	13.757	1794	1797	1801	rVB	19286	24284	0.49%	0.036%
64	13.804	1803	1805	1811	rVB7	9726	15559	0.31%	0.023%
65	13.928	1822	1826	1827	rBV3	19755	22707	0.46%	0.034%
66	14.080	1847	1852	1858	rBV5	21266	42980	0.87%	0.064%
67	14.169	1859	1867	1873	rBV	2687374	3787447	76.31%	5.640%
68	14.410	1904	1908	1909	rBV4	12729	16241	0.33%	0.024%
69	14.463	1910	1917	1928	rVV	2995351	4671123	94.12%	6.955%
70	14.639	1943	1947	1951	rBV	31706	36826	0.74%	0.055%
71	14.763	1958	1968	1975	rBV	2764818	3994274	80.48%	5.948%
72	14.827	1977	1979	1983	rVV2	10821	14909	0.30%	0.022%
73	14.951	1994	2000	2013	rBV	1072204	1843255	37.14%	2.745%
74	15.110	2023	2027	2032	rVV3	54898	78825	1.59%	0.117%
75	15.163	2032	2036	2043	rVB2	60729	107134	2.16%	0.160%
76	15.304	2056	2060	2064	rBV2	46734	68112	1.37%	0.101%

LSC Area Percent Report

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Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

77	15.386	2070	2074	2078	rBV5	50580	70362	1.42%	0.105%
78	15.586	2106	2108	2112	rVB2	40276	45348	0.91%	0.068%
79	15.710	2125	2129	2131	rBV	83118	98407	1.98%	0.147%
80	15.757	2131	2137	2143	rVB	2825677	4018625	80.97%	5.984%
81	15.869	2151	2156	2167	rBV	711413	1018493	20.52%	1.517%
82	16.116	2193	2198	2203	rBV	210184	281983	5.68%	0.420%
83	16.457	2252	2256	2258	rBV3	45361	72192	1.45%	0.107%
84	16.963	2338	2342	2347	rBV2	85078	115640	2.33%	0.172%
85	17.163	2370	2376	2386	rBV	1288785	1868563	37.65%	2.782%
86	17.516	2431	2436	2441	rBV	2227670	3185107	64.18%	4.743%
87	17.563	2441	2444	2447	rVB	133951	161631	3.26%	0.241%
88	17.616	2447	2453	2458	rBV2	2999672	4333654	87.32%	6.453%
89	17.916	2501	2504	2508	rVB	78808	100982	2.03%	0.150%
90	18.116	2535	2538	2542	rVB4	121065	152828	3.08%	0.228%
91	18.374	2578	2582	2588	rBV	987849	1362909	27.46%	2.029%
92	18.892	2667	2670	2674	rBV	270912	360976	7.27%	0.538%
93	18.933	2675	2677	2681	rVB	129578	147969	2.98%	0.220%
94	19.510	2772	2775	2780	rVB	329835	413177	8.33%	0.615%
95	19.598	2787	2790	2795	rBV2	404815	456772	9.20%	0.680%
96	19.839	2825	2831	2842	rBV2	3125763	4963081	100.00%	7.390%
97	21.274	3072	3075	3079	rBV	894708	1113875	22.44%	1.659%
98	21.474	3107	3109	3115	rVB	718549	798767	16.09%	1.189%
99	21.592	3125	3129	3134	rVB2	1723614	2516734	50.71%	3.748%
100	23.992	3532	3537	3544	rVB2	1475453	2848402	57.39%	4.241%

Sum of corrected areas: 67157261

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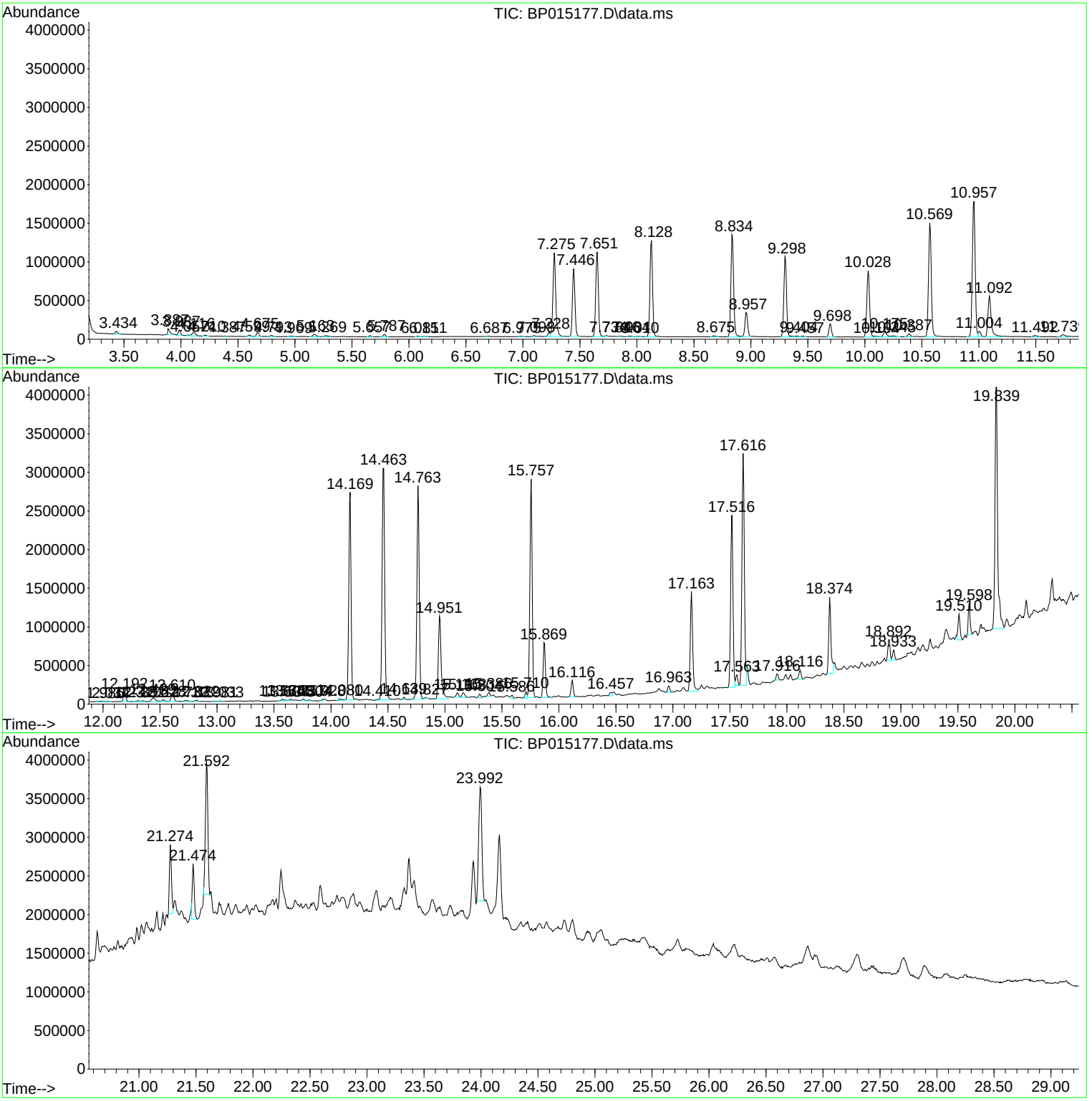
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015177.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

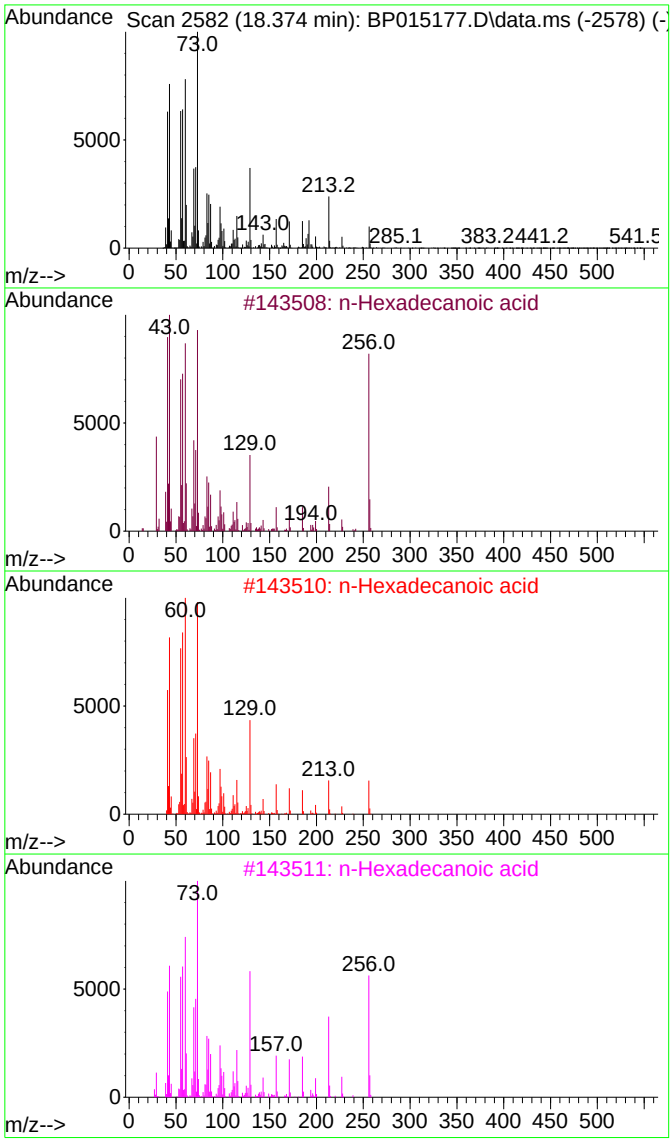
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

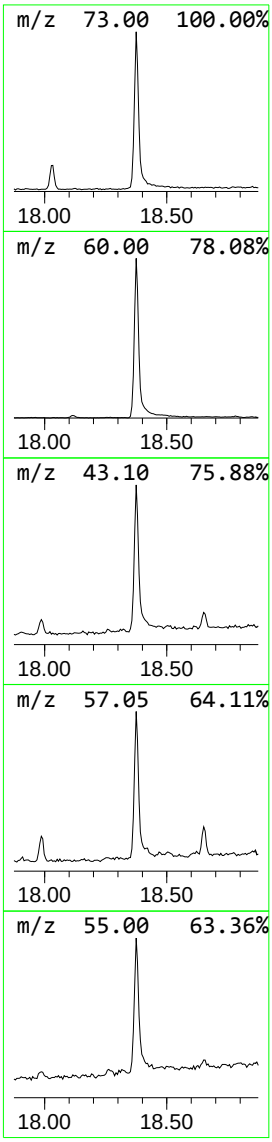
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	8.56 ng/ul	1362910	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015177.D
Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

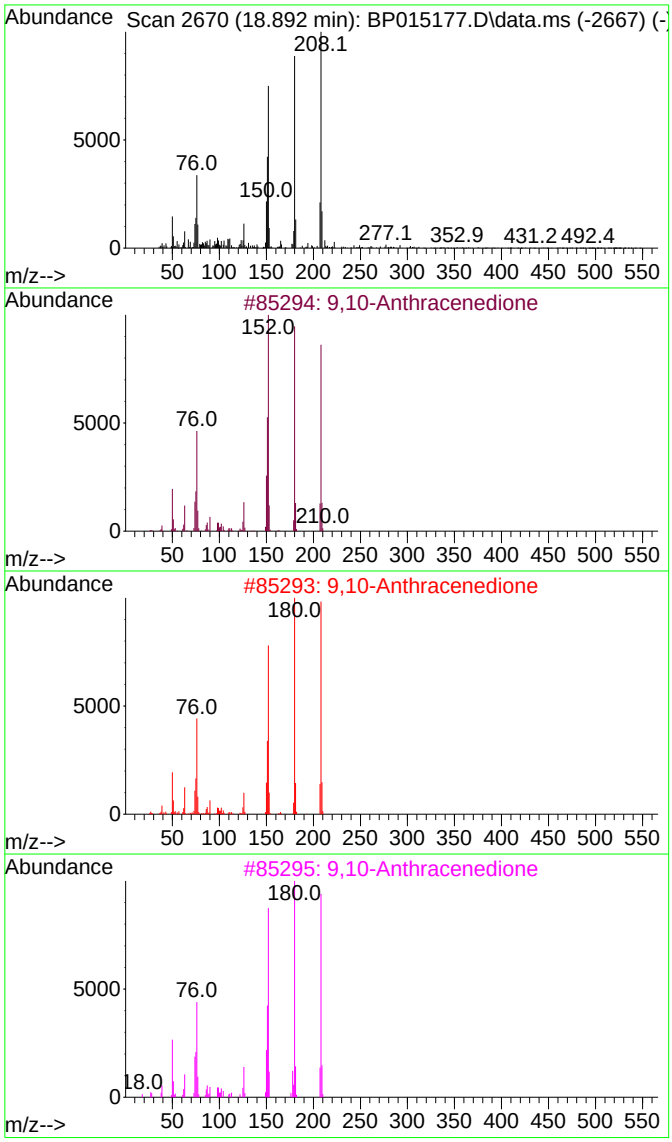
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

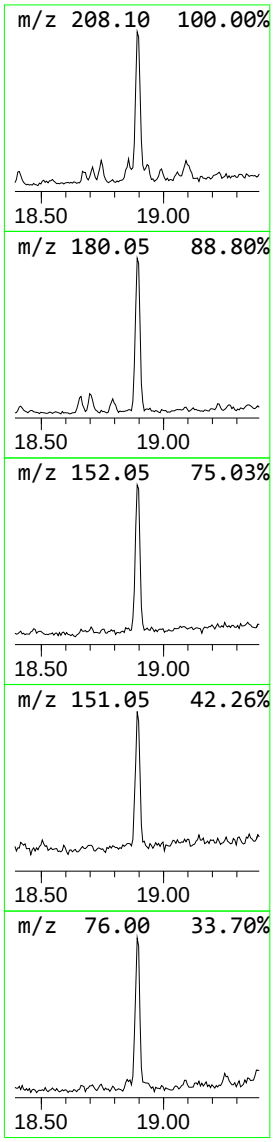
****

Peak Number 2 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.27 ng/ul	360976	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015177.D
Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

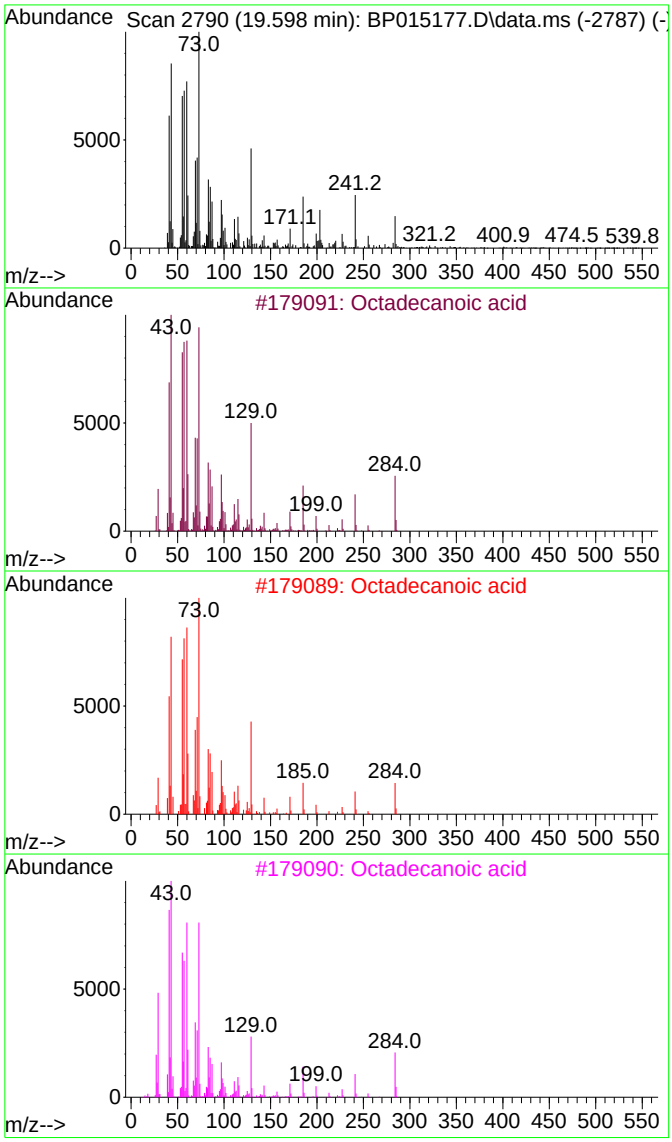
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

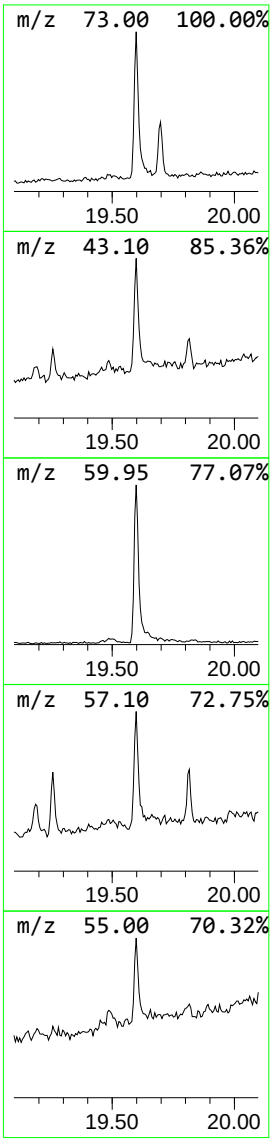
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	3.63 ng/ul	456772	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	94





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Acq On : 19 May 2023 17:36
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Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

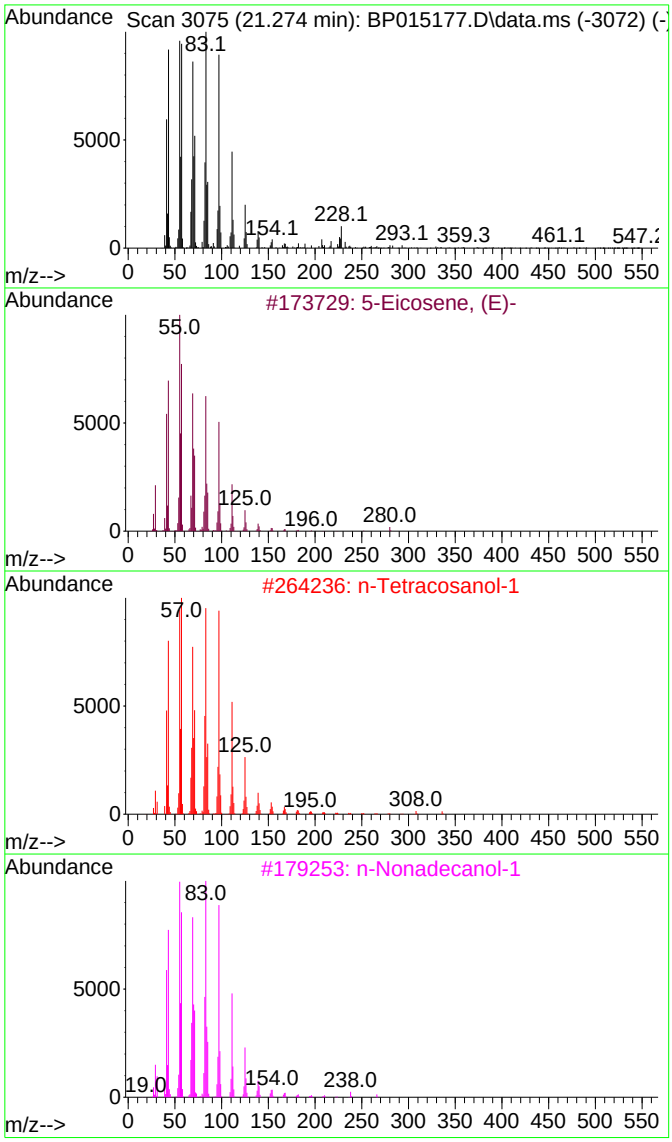
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

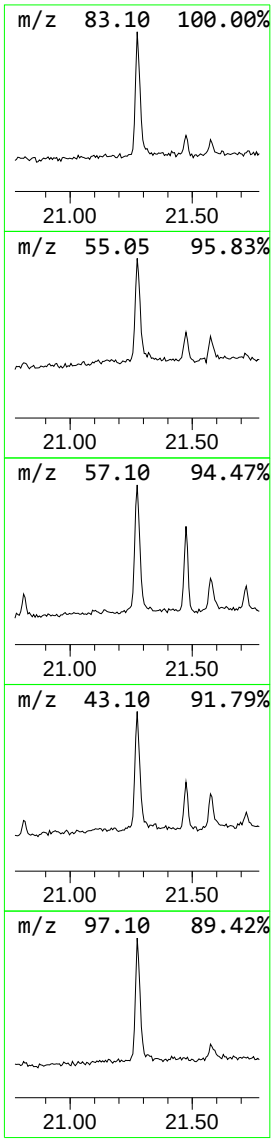
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	8.85 ng/ul	1113880	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015177.D
Acq On : 19 May 2023 17:36
Operator : CG/JU
Sample : 02664-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.374	8.6	ng/ul	1362910	4	17.516	3185110	20.0
9,10-Anthracene...	18.892	2.3	ng/ul	360976	4	17.516	3185110	20.0
Octadecanoic acid	19.598	3.6	ng/ul	456772	5	21.592	2516730	20.0
(DEL) Alkane: S...	21.274	8.8	ng/ul	1113880	5	21.592	2516730	20.0